# <Android Network Sniffer> Sprint Summary

Ver 1.0, 14 April 2018

First Day of Sprint: April 14, 2018

Last Day of Sprint: April 15, 2018

Working Days in Sprint: 2

Thoughts and Ideas on the project being discussed with all members of the group

Task: Ideas for the Requirement/Scope of the Project

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Ongoing |

Next Sprint meeting date: 16 April

Ver 1.1, 16 April 2018

First Day of Sprint: April 16, 2018

Last Day of Sprint: April 17, 2018

Working Days in Sprint: 2

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Ongoing |

Next Sprint Meeting Date: 18 April 2018

Ver 1.2, 18 April 2018

First Day of Sprint: April 18, 2018

Last Day of Sprint: April 22, 2018

Working Days in Sprint: 5

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Ongoing |
| 3 | Research Limitation and Solutions | Ongoing |
| 4 | Research regarding PCap files | Ongoing |
| 5 | Research use of Android Studio for UI | Ongoing |

Next Sprint Meeting Date: 23 April 2018

Ver 1.3, 23 April 2018

First Day of Sprint: April 23, 2018

Last Day of Sprint: April 23, 2018

Working Days in Sprint: 1

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Ongoing |
| 3 | Research Limitation and Solutions | Ongoing |
| 4 | Research regarding PCap files | Ongoing |
| 5 | Research use of Android Studio for UI | Ongoing |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process (RUP) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Ongoing |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |

Next Sprint meeting date: 24 April 2018

Ver 1.4, 24 April 0218

First Day of Sprint: April 24, 2018

Last Day of Sprint: April 29, 2018

Working Days in Sprint: 6

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Ongoing |
| 3 | Research Limitation and Solutions | Ongoing |
| 4 | Research regarding PCap files | Ongoing |
| 5 | Research use of Android Studio for UI | Ongoing |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process (RUP) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Ongoing |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Ongoing |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Ongoing |

Next Sprint Meeting Date: 30April 2018

Ver 2.0, 30 April 2018

First Day of Sprint: April 30, 2018

Last Day of Sprint: May 4, 2018

Working Days in Sprint: 5

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Ongoing |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Ongoing |
| 15 | Documentation (ongoing process) | Ongoing |

Next Sprint Meeting Date: 5 May 2018

Ver 2.1, 5 May 2018

First Day of Sprint: May 5, 2018

Last Day of Sprint: May 11, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Ongoing |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Ongoing |
| 15 | Documentation (ongoing process) | Ongoing |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |

Next Sprint Meeting Date: 12 May 2018

Ver 2.2, 12 May 2018

First Day of Sprint: May 12, 2018

Last Day of Sprint: May 18, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Ongoing |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Ongoing |
| 15 | Documentation (ongoing process) | Ongoing |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Creation of Simple UI App | Ongoing |

Next Sprint Meeting Date: 19 May 2018

Ver 2.3, 19 May 2018

First Day of Sprint: May 19, 2018

Last Day of Sprint: May 25, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Ongoing |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Ongoing |
| 15 | Documentation (ongoing process) | Ongoing |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Creation of Simple UI App | Ongoing |
| 11 | Create Our Own Binary (Pcbin) | Ongoing |

Next Sprint Meeting Date: 26 May 2018

Ver 2.4. 26 May 2018

First Day of Sprint: May 26, 2018

Last Day of Sprint: Jun 8, 2018

Working Days in Sprint: 14

Team has exams in less than 2 weeks, not expected to do much work.

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| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Ongoing |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Ongoing |
| 15 | Documentation (ongoing process) | Ongoing |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Creation of Simple UI App | Ongoing |
| 11 | Create Our Own Binary (Pcbin) | Ongoing |

Next Sprint Meeting Date: 9 Jun 2018

Ver 2.6, 9 Jun 2018

First Day of Sprint: Jun 9, 2018

Last Day of Sprint: Jun 15, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Ongoing |
| 15 | Documentation (ongoing process) | Ongoing |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Ongoing |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Ongoing |

Next Sprint Meeting Date: 16 Jun 2018

Ver 2.7, 16 Jun 2018

First Day of Sprint: Jun 16, 2018

Last Day of Sprint: Jun 22, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Ongoing |
| 15 | Documentation (ongoing process) | Ongoing |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Ongoing |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Ongoing |
| 11 | Getting Processes to Work with Binary and SU | Ongoing |

Next Sprint Meeting Date: 23 Jun 2018

Ver 2.8, 23 Jun 2018

First Day of Sprint: Jun 23, 2018

Last Day of Sprint: Jun 29, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Ongoing |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Ongoing |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Ongoing |

Next Sprint Meeting Date: 30 Jun 2018

Ver 3.1, 30 Jun 2018

First Day of Sprint: Jun 30, 2018

Last Day of Sprint: July 6, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Y |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Y |
| 19 | Get Documentation Done for July Midpoint | Y |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Y |
| 12 | Device need SU | Y |
| 13 | Solve Processes Not Killed After Stop | Y |

Next Sprint Meeting Date: 7 July 2018

Ver 3.2, 7 July 2018

First Day of Sprint: July 7, 2018

Last Day of Sprint: July 13, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Y |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Y |
| 19 | Get Documentation Done for July Midpoint | Y |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Y |
| 12 | Device need SU | Y |
| 13 | Solve Processes Not Killed After Stop | Y |
| 14 | Get Pcbin to Sniff ARP | Ongoing |
| 15 | Pcbin (only sniff itself), try to change NIC setting | Ongoing |
| 16 | Compile Pcbin binary for ARM architecture | Ongoing |
| 17 | Solve Toast Output Not Running on UI | Y |
| 18 | Implement Nmap binary to NetSniffer | Ongoing |

Next Sprint Meeting Date: 14 July 2018

Ver 3.3, 14 July 2018

First Day of Sprint: July 14, 2018

Last Day of Sprint: July 20, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Y |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Y |
| 19 | Get Documentation Done for July Midpoint | Y |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Y |
| 12 | Device need SU | Y |
| 13 | Solve Processes Not Killed After Stop | Y |
| 14 | Get Pcbin to Sniff ARP | Y |
| 15 | Pcbin (only sniff itself), try to change NIC setting | Ongoing |
| 16 | Compile Pcbin binary for ARM architecture | Y |
| 17 | Solve Toast Output Not Running on UI | Y |
| 18 | Implement Nmap binary to NetSniffer | Y |
| 19 | GUI – Replace TextView with ListView | Y |
| 20 | Add Nmap Services for Nmap binary to run | Y |
| 21 | Add Nmap ListView onClick Feature | Ongoing |
| 22 | Integrate Pcbin(revised) with NetSniffer | Ongoing |

Next Sprint Meeting Date: 21 July 2018

Ver 3.4, 21 July 2018

First Day of Sprint: July 21, 2018

Last Day of Sprint: July 27, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | Ongoing |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Y |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Y |
| 19 | Get Documentation Done for July Midpoint | Y |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Y |
| 12 | Device need SU | Y |
| 13 | Solve Processes Not Killed After Stop | Y |
| 14 | Get Pcbin to Sniff ARP | Y |
| 15 | Pcbin (only sniff itself), try to change NIC setting | Ongoing |
| 16 | Compile Pcbin binary for ARM architecture | Y |
| 17 | Solve Toast Output Not Running on UI | Y |
| 18 | Implement Nmap binary to NetSniffer | Y |
| 19 | GUI – Replace TextView with ListView | Y |
| 20 | Add Nmap Services for Nmap binary to run | Y |
| 21 | Add Nmap ListView onClick Feature | Ongoing |
| 22 | Integrate Pcbin(revised) with NetSniffer | Ongoing |
| 23 | Solve Pcbin binary DNS Structure Inconsistency | Y |
| 24 | Solve Pcbin, Read Resource Record from DNS Header | Y |
| 25 | Optimize Info Output for Nmap OS (too much info) | Y |
| 26 | Additional UI Components Sniff Add Filters | Ongoing |
| 27 | Solve NetSniffer does not sniff ‘Promiscuous Mode’ | N |
| 28 | Inject Resources into ‘System/Bin’ instead of ‘/data/data’ | Ongoing |

Next Sprint Meeting Date: 28 July 2018

Ver 3.5, 28 July 2018

First Day of Sprint: July 28, 2018

Last Day of Sprint: Aug 3, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | N |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Y |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Y |
| 19 | Get Documentation Done for July Midpoint | Y |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Y |
| 12 | Device need SU | Y |
| 13 | Solve Processes Not Killed After Stop | Y |
| 14 | Get Pcbin to Sniff ARP | Y |
| 15 | Pcbin (only sniff itself), try to change NIC setting | Ongoing |
| 16 | Compile Pcbin binary for ARM architecture | Y |
| 17 | Solve Toast Output Not Running on UI | Y |
| 18 | Implement Nmap binary to NetSniffer | Y |
| 19 | GUI – Replace TextView with ListView | Y |
| 20 | Add Nmap Services for Nmap binary to run | Y |
| 21 | Add Nmap ListView onClick Feature | Ongoing |
| 22 | Integrate Pcbin(revised) with NetSniffer | Ongoing |
| 23 | Solve Pcbin binary DNS Structure Inconsistency | Y |
| 24 | Solve Pcbin, Read Resource Record from DNS Header | Y |
| 25 | Optimize Info Output for Nmap OS (too much info) | Y |
| 26 | Additional UI Components Sniff Add Filters | Ongoing |
| 27 | Solve NetSniffer does not sniff ‘Promiscuous Mode’ | N |
| 28 | Inject Resources into ‘System/Bin’ instead of ‘/data/data’ | Ongoing |

Next Sprint Meeting Date: 4 Aug 2018

Ver 3.6, 4 Aug 2018

First Day of Sprint: Aug 4, 2018

Last Day of Sprint: Aug 10 , 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | N |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Y |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Y |
| 19 | Get Documentation Done for July Midpoint | Y |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Y |
| 12 | Device need SU | Y |
| 13 | Solve Processes Not Killed After Stop | Y |
| 14 | Get Pcbin to Sniff ARP | Y |
| 15 | Pcbin (only sniff itself), try to change NIC setting | Ongoing |
| 16 | Compile Pcbin binary for ARM architecture | Y |
| 17 | Solve Toast Output Not Running on UI | Y |
| 18 | Implement Nmap binary to NetSniffer | Y |
| 19 | GUI – Replace TextView with ListView | Y |
| 20 | Add Nmap Services for Nmap binary to run | Y |
| 21 | Add Nmap ListView onClick Feature | Y |
| 22 | Integrate Pcbin(revised) with NetSniffer | Ongoing |
| 23 | Solve Pcbin binary DNS Structure Inconsistency | Y |
| 24 | Solve Pcbin, Read Resource Record from DNS Header | Y |
| 25 | Optimize Info Output for Nmap OS (too much info) | Y |
| 26 | Additional UI Components Sniff Add Filters | Ongoing |
| 27 | Solve NetSniffer does not sniff ‘Promiscuous Mode’ | N |
| 28 | Injected Resources into ‘System/Bin’ instead of ‘/data/data’ | Ongoing |
| 29 | Solve Nmap Crash on “Running” | Ongoing |

Next Sprint Meeting Date: 11 Aug 2018

Ver 3.7, 11 Aug 2018

First Day of Sprint: Aug 11, 2018

Last Day of Sprint: Aug 17, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | N |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Y |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Y |
| 19 | Get Documentation Done for July Midpoint | Y |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Y |
| 12 | Device need SU | Y |
| 13 | Solve Processes Not Killed After Stop | Y |
| 14 | Get Pcbin to Sniff ARP | Y |
| 15 | Pcbin (only sniff itself), try to change NIC setting | Ongoing |
| 16 | Compile Pcbin binary for ARM architecture | Y |
| 17 | Solve Toast Output Not Running on UI | Y |
| 18 | Implement Nmap binary to NetSniffer | Y |
| 19 | GUI – Replace TextView with ListView | Y |
| 20 | Add Nmap Services for Nmap binary to run | Y |
| 21 | Add Nmap ListView onClick Feature | Y |
| 22 | Integrate Pcbin(revised) with NetSniffer | Y |
| 23 | Solve Pcbin binary DNS Structure Inconsistency | Y |
| 24 | Solve Pcbin, Read Resource Record from DNS Header | Y |
| 25 | Optimize Info Output for Nmap OS (too much info) | Y |
| 26 | Additional UI Components Sniff Add Filters | Ongoing |
| 27 | Solve NetSniffer does not sniff ‘Promiscuous Mode’ | N |
| 28 | Injected Resources into ‘System/Bin’ instead of ‘/data/data’ | Y |
| 29 | Solve Nmap Crash on “Running” | Y |
| 30 | Solve Injected Binaries not Executing | Y |

Next Sprint Meeting Date: 18 Aug 2018

Ver 3.8, 18 Aug 2018

First Day of Sprint: Aug 18, 2018

Last Day of Sprint: Aug 24, 2018

Working Days in Sprint: 7

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | N |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Y |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Y |
| 19 | Get Documentation Done for July Midpoint | Y |
| 20 | Do up Documentation for Final Submission | Ongoing |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Y |
| 12 | Device need SU | Y |
| 13 | Solve Processes Not Killed After Stop | Y |
| 14 | Get Pcbin to Sniff ARP | Y |
| 15 | Pcbin (only sniff itself), try to change NIC setting | Ongoing |
| 16 | Compile Pcbin binary for ARM architecture | Y |
| 17 | Solve Toast Output Not Running on UI | Y |
| 18 | Implement Nmap binary to NetSniffer | Y |
| 19 | GUI – Replace TextView with ListView | Y |
| 20 | Add Nmap Services for Nmap binary to run | Y |
| 21 | Add Nmap ListView onClick Feature | Y |
| 22 | Integrate Pcbin(revised) with NetSniffer | Y |
| 23 | Solve Pcbin binary DNS Structure Inconsistency | Y |
| 24 | Solve Pcbin, Read Resource Record from DNS Header | Y |
| 25 | Optimize Info Output for Nmap OS (too much info) | Y |
| 26 | Additional UI Components Sniff Add Filters | N |
| 27 | Solve NetSniffer does not sniff ‘Promiscuous Mode’ | N |
| 28 | Injected Resources into ‘System/Bin’ instead of ‘/data/data’ | Y |
| 29 | Solve Nmap Crash on “Running” | Y |
| 30 | Solve Injected Binaries not Executing | Y |
| 31 | Do Simple File Browser | Y |

Next Sprint Meeting Date: 25 Aug 2018

Ver 3.9, 25 Aug 2018 (Last Sprint)

First Day of Sprint: Aug 25, 2018

Last Day of Sprint: Aug 31, 2018

Working Days in Sprint: 6

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | Come up with ideas on the requirement/Scope of the Project | Y |
| 2 | Discussion on Scope of Project | Y |
| 3 | Research Limitation and Solutions | Y |
| 4 | Research regarding PCap files | Y |
| 5 | Research use of Android Studio for UI | Y |
| 6 | Delegate Roles for Each Team Member | Y |
| 7 | Select Design Tools (Umlet) | Y |
| 8 | Select a Design Process ~~(RUP)~~ (Agile) | Y |
| 9 | Create Draft Proposal by Saturday (28 April 2018) | Y |
| 10 | Program/Document Version Control (GitHub/WordPress) | Y |
| 11 | Device to be Used | Y |
| 12 | Possible Test Cases for Project Discussion | N |
| 13 | Create a Structure of Program Design and Basic Things | Y |
| 14 | Discuss on Diagrams Required | Y |
| 15 | Documentation (ongoing process) | Y |
| 16 | Creation of Simple App UI | Y |
| 17 | Get App Working with Simple UI & Tcpdump | Y |
| 18 | Integrate Pcbin with Simple UI App | Y |
| 19 | Get Documentation Done for July Midpoint | Y |
| 20 | Do up Documentation for Final Submission | Y |
| 21 | Do up 1-min video and demo | Y |

Programming Task List

|  |  |  |
| --- | --- | --- |
| Task | Description of Task | Complete (Y/N) |
| 1 | GUI – Add Menu | Y |
| 2 | GUI – Switching Pages of the UI | Y |
| 3 | GUI – Reading on VCS | Y |
| 4 | GUI – Logging for Administrative use | Y |
| 5 | GUI – Pop ups (Toast) | Y |
| 6 | GUI – TextViews Scrolling | Y |
| 7 | GUI – Prevent Clicking on TextViews | Y |
| 8 | Cross-Compilation of TCPDump Binary for Android | Y |
| 9 | Rooting Nexus 5 with CF-Auto-Root | Y |
| 10 | Create Our Own Binary (Pcbin) | Y |
| 11 | Getting Processes to Work with Binary and SU | Y |
| 12 | Device need SU | Y |
| 13 | Solve Processes Not Killed After Stop | Y |
| 14 | Get Pcbin to Sniff ARP | Y |
| 15 | Pcbin (only sniff itself), try to change NIC setting | N |
| 16 | Compile Pcbin binary for ARM architecture | Y |
| 17 | Solve Toast Output Not Running on UI | Y |
| 18 | Implement Nmap binary to NetSniffer | Y |
| 19 | GUI – Replace TextView with ListView | Y |
| 20 | Add Nmap Services for Nmap binary to run | Y |
| 21 | Add Nmap ListView onClick Feature | Y |
| 22 | Integrate Pcbin(revised) with NetSniffer | Y |
| 23 | Solve Pcbin binary DNS Structure Inconsistency | Y |
| 24 | Solve Pcbin, Read Resource Record from DNS Header | Y |
| 25 | Optimize Info Output for Nmap OS (too much info) | Y |
| 26 | Additional UI Components Sniff Add Filters | N |
| 27 | Solve NetSniffer does not sniff ‘Promiscuous Mode’ | N |
| 28 | Injected Resources into ‘System/Bin’ instead of ‘/data/data’ | Y |
| 29 | Solve Nmap Crash on “Running” | Y |
| 30 | Solve Injected Binaries not Executing | Y |
| 31 | Do Simple File Browser | Y |
| 32 | Implement File Browser with Nmap OS (File of List of Mac Address) | Y |
| 33 | Troubleshoot Sniff Graph & File Browser(Choose .pcap file) | Y |
| 34 | Implement Pcmon into NetSniffer | Y |